

REMARKS/ARGUMENTS

The specification has been correspondingly amended without adding new matters and will be explained as below.

5 As shown in FIGS. 2 and 4, the elastic contacts 31 and 36 are located above the mother base 21 and the horizontal pins 32 and 37 are located below the mother base 21; and the elastic contacts 41 and 46 are located above the daughter base 22 and the horizontal pins 42 and 47 are located below the daughter base 22 and protruding over a rear end of the daughter base 22. In addition, the horizontal pins
10 32, 37, 42 and 47 are located at the same level such that the horizontal pins may be well welded to the circuit board without the miss of welding. Thus, these added features have been clearly shown in the drawings, and there is no new matter added.

 Claim objections have been overcome because claims 1 and 3 are amended
15 to specify the first, second and third terminals, and claim 4 has been amended to specify the first, second and fourth terminals

 Claim rejections have been overcome after the amendments to the claims are made. In order to clearly describe the amended claims, symbols are added.

 -- Claim 1: An electrical connector, comprising:

20 a bottom base (20) including a mother base (21) and a daughter base (22), wherein the mother base (21) is formed with an opening (23), and the daughter base (22) is contained in the opening (23);

 a row of first terminals (30) attached to the mother base (21), *each of the first terminals (30) has an elastic contact (31) located above the mother base (21) and*
25 *a horizontal pin (32) located below the mother base (21);*

 a row of third terminals (40) attached to the daughter base (22), each of the third terminals (40) has an elastic contact (41) located above the daughter base (22) and a horizontal pin (42) located below the daughter base (22);

 a positioning structure formed on the mother base (21) and the daughter base
30 (22) to make the daughter base (22) vertically movable and to horizontally restrict the daughter base (22) in the opening (23) of the mother base (21), *such that the*

horizontal pins (32) of the first terminals (30) and the horizontal pins (42) of the third terminals (40) are located at the same level after the daughter base (22) is moved vertically; and

a top base (50) covering over the bottom base (20). --

5 In the '429 patent (US 6,612,492), however, the terminals attached to the mother base (42) does not have an elastic contact located above the mother base (42) and a horizontal pin located below the mother base. This is because the mother base (42) and the daughter base (2) do not have to be connected to a circuit board through the horizontal pins at the bottom surfaces of the mother base
10 (42) and the daughter base (2) and the pins do not have to be adjusted to locate at the same level. In addition, the horizontal pins attached to the mother base (42) and the horizontal pins attached to the daughter base (1 and 2) will never be located at the same level because the pins of the upper terminal seat (1) will be higher than those of the lower terminal seat (2), as shown in FIG. 6 of the '492
15 patent. Consideration of the amended claim 1 is politely requested.

-- Claim 2: The electrical connector according to claim 1, wherein:

the horizontal pins (42) of the third terminals (40) protrude over a rear end of the daughter base (22); and

20 the positioning structure comprises:

pivots (25) formed at two sides of the daughter base (22) at a front end opposite to the rear end of the daughter base (22); and

pivotal holes (27) formed on the mother base (21) at positions corresponding to the pivots (25) such that the rear end of the daughter base
25 (22) may be moved vertically relative to the mother base (21) *when the daughter base (22) is rotated about the pivots (25)*. --

In the '492 patent, the daughter base (2) is never rotated about the pivot in the examiner's FIGURE A. In the invention, the pivot 25 of the daughter base 22 may serve as a fulcrum about which the daughter base 22 may be rotated (see page 5,
30 lines 16-17). Consideration of the amended claim 2 is politely requested.

-- Claim 3: The electrical connector according to claim 1, further comprising a row of second terminals (35) attached to the mother base (21), each of the second terminals (35) having an elastic contact (36) located above the mother base (21) and a horizontal pin (37) located below the mother base (21), wherein the
5 horizontal pins (32) of the first terminals (30), the horizontal pins (42) of the third terminals (40), and the horizontal pins (37) of the second terminals (35) are located at the same level after the daughter base (22) is moved vertically. --

In the '492 patent, however, there is no second terminals similar to those as claimed in the amended claim 3. Consideration of the amended claim 3 is politely
10 requested.

-- Claim 4: The electrical connector according to claim 1, further comprising a row of fourth terminals (45) attached to the daughter base (22), each of the fourth terminals (45) having an elastic contact (46) located above the daughter
15 base (22) and a horizontal pin (47) located below the daughter base (22), wherein the horizontal pins (32) of the first terminals (30), the horizontal pins (42) of the third terminals (40) and the horizontal pins (47) of the fourth terminals (45) are located at the same level after the daughter base (22) is moved vertically. --

Claim 4 depends on the amended claim 1. Consideration of the amended
20 claim 4 is politely requested.

-- Claim 5 (withdrawn - currently amended): The electrical connector according to claim 1, wherein the top base (50) has a top slot (55) at a top thereof, and a row of fifth terminals (60) is arranged in the top slot (55). --

25 Claim 5 is amended to specify the fifth terminals (60) in FIG. 5. Consideration of the withdrawn claim 5, upon the allowance of the amended claim 1, is politely requested.

-- Claim 6: The electrical connector according to claim 1, wherein the top
30 base (50) covers the bottom base (20) to form a plurality of slots (53) with different widths or heights, and the plurality of slots (53) share a space. --

Claim 6 depends on the amended claim 1. Consideration of the amended claim 6 is politely requested.

-- Claim 7: The electrical connector according to claim 3, further comprising
5 a row of fourth terminals (45) attached to the daughter base (22), each of the
fourth terminals (45) having an elastic contact (46) located above the daughter
base (22) and a horizontal pin (47) located below the daughter base (22), wherein
the horizontal pins (32) of the first terminals (30), the horizontal pins (42) of the
third terminals (40), the horizontal pins (37) of the second terminals (35) and the
10 horizontal pins (47) of the fourth terminals (45) are located at the same level after
the daughter base (22) is moved vertically. --

Claim 7 depends on the amended claim 3. Consideration of the amended claim 7 is politely requested.

15 -- Claim 8 (new): The electrical connector according to claim 2, wherein:
the mother base (21) is formed with a recess (28); and
the daughter base (22) is formed with a flange (26), which may be moved
vertically in the recess (28). --

Claim 8 depends on the amended claim 2. Consideration of the amended
20 claim 8 is politely requested.

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In light of the above-mentioned amendments and remarks, Applicant now asserts that all of the grounds for objection and rejection have been traversed or overcome by amendments, and that all of the present claims are in condition for immediate allowance. Applicant therefore requests reconsideration of the objection and rejection, and solicits allowance of the present claims at an early date.

Thank you for your consideration.

Respectfully submitted,

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